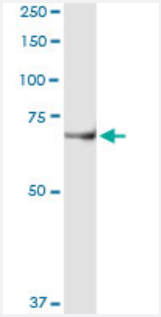
ACOX1 (Human) IP-WB Antibody Pair

Catalog # H00000051-PW1 Size 1 Set

Applications



Immunoprecipitation of ACOX1 transfected lysate using rabbit polyclonal anti-ACOX1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ACOX1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ACOX1 transfected lysate using rabbit polyclonal anti-ACOX1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ACOX1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-ACOX1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-ACOX1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

Protocol Download

Gene Info — ACOX1

Entrez GeneID	51
Gene Name	ACOX1
Gene Alias	ACOX, MGC1198, PALMCOX, SCOX
Gene Description	acyl-Coenzyme A oxidase 1, palmitoyl
Omim ID	264470 609751
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	acyl-CoA oxidase, straight-chain|peroxisomal fatty acyl-CoA oxidase

Pathway

- alpha-Linolenic acid metabolism
- Biosynthesis of plant hormones
- Biosynthesis of unsaturated fatty acids
- Fatty acid metabolism
- Metabolic pathways
- PPAR signaling pathway